

Aniekan Winner Anietie

Software Engineer

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PROFESSIONAL SUMMARY

Full-stack Software Engineer with 3+ years of experience specializing in high-performance Python backends and React frontends. Proven track record of shipping AI-integrated products that drive measurable growth (60% retention) in Fintech and Healthtech.

TECHNICAL SKILLS

- **Languages:** Python, JavaScript (ES6+), TypeScript, SQL (PostgreSQL, SQLite)
- **Backend & Systems:** FastAPI, Node.js, RESTful API Design, JWT/Auth/RBAC, Redis, Docker, Linux (Pop!_OS/Ubuntu)
- **Frontend:** React, Redux Toolkit, React Query, Tailwind CSS, Vite, React Hook Form, Responsive UI/UX, PWA and Shadcn UI
- **AI/ML & GenAI:** RAG Pipelines, Vector Databases (Chroma), LLM Orchestration (LangChain, Ollama), PyTorch, Hugging Face, Semantic Search
- **Tools & DevOps:** Git, CI/CD, Azure DevOps, Cloud Run, DuckDB, Kanban/Agile Workflow

EXPERIENCE

OpenTeams Inc | Austin, Texas (Remote)

Software Engineer (May 2024 – Dec 2025) / Software Engineering Intern (Feb 2024 – April 2024)

- Architected and shipped production-ready web applications for multiple partner products, utilizing FastAPI and React to improve frontend responsiveness and REST API reliability by 45%.
- Optimized legacy production services through iterative performance tuning and strategic refactoring, resulting in a 18% reduction in API latency and improved system stability.
- Engineered internal RAG (Retrieval-Augmented Generation) tooling using Python, Ollama, and ChromaDB, enabling team members to perform semantic searches across technical documentation and reducing internal data retrieval time.
- Developed an intelligent SQL routing layer using DuckDB to translate natural-language queries into parameterized SQL, automated the synthesis of quarterly CSV data into auditable LLM summaries and tabular reports.
- Streamlined team workflows by building custom data access utilities, facilitating faster decision-making through automated XLSX/CSV ingestion and embedding pipelines.

Wellahealth Technologies | Abuja, Nigeria (Remote)

Software Engineer (Feb 2024 – Present)

- Lead Developer for PRESS, a mobile-first Progressive Web App (PWA) built with React, TypeScript, and Shadcn UI to digitize blood pressure monitoring for agents in low-connectivity environments.
- Engineered an offline-first architecture utilizing Service Workers and custom caching strategies to ensure 100% uptime for medical data entry during network outages.
- Architected a multi-layered anti-fraud system to validate medical readings, integrating ML-based image verification, EXIF metadata analysis, and pixel hashing to prevent duplicate or non-compliant submissions.

- Developed a comprehensive Fintech module within the app, including wallet metrics, secure payout workflows, and an integrated Learning Management System (LMS) to track agent performance and training.
- Optimized healthcare platforms (Meditrina, Zoi, Healthsend), delivering performance and UX improvements that increased user retention by 60%+ and customer conversion by 35%.
- Established CI/CD for the web stack with automated checks and previews, reducing release defects and improving team shipping velocity.

SELECTED PROJECTS

SOLE (Employee Stock Option Loan Platform) — Full-Stack Engineer [Frontend | Backend](#)

- Built a multi-tenant stock-loan platform with strict org-level data isolation and configurable single vs multi-tenancy.
- Implemented borrower flows, including eligibility (tenure + vesting), configurable down payments, and loans spanning multiple grants.
- Designed HR, Legal and Finance workflow with notifications, document handling, and funding confirmation gates.
- Shipped security primitives with JWT auth, RBAC + ACL, audit logging foundations, and encrypted-field support for sensitive data.
- Created loan domain scaffolding (products, AFR/min down payment rules) for lifecycle scenarios (early payoff, termination).

Tech: Python, FastAPI, SQLAlchemy, Alembic, PostgreSQL, Redis, JWT, RBAC/ACL, TypeScript, React

SuperSet (Agentic Dev Orchestrator - Local-first, Linux) — Engineer (In Progress)

- Building a local-first orchestrator for CLI coding agents, from planning to implementation, verification and security/tests with session handoffs.
- Designed a Handoff Bundle contract (context, diffs, commands, check results) for seamless continuation across stages.
- Implementing gated automation and a Verifier loop that runs lint/tests/types and routes fixes until checks pass.
- Adding worktree-per-task isolation, persistent logs, and reproducible artifacts for safe parallel execution.

Tech: Python, Rust, SQLite, Git worktrees, PTY terminal sessions, Electron (desktop UI), Docker

EDUCATION

Miva Open University | Abuja, Nigeria

MSc, Information Technology (Artificial Intelligence) | Expected Dec 2026

Selected Coursework: Machine Learning & AI Fundamentals, Deep Learning, NLP, Computer Vision, Ethics in AI, Advanced Database Systems, Cloud Computing.

Brigham Young University - Idaho | Rexburg, U.S. (Remote)

Bachelor of Science in Software Development | Completed June 2025

Selected Coursework: Data Structures, Web Full-Stack Development, Web Services, Software Engineering Principles, Software Testing, Senior Project.